

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10588659"	US-PGPUB	OR	OFF	2008/03/10 16:43
S2	2425	257/103.ccls.	US-PGPUB; USPAT	OR	OFF	2008/03/10 17:06
S3	147	257/614.ccls.	US-PGPUB; USPAT	OR	OFF	2008/03/10 17:08
S4	164	257/E29.296.ccls.	US-PGPUB; USPAT	OR	OFF	2008/03/10 17:09
S5	238	257/78.ccls.	US-PGPUB; USPAT	OR	OFF	2008/03/10 17:12
S6	2075	ZnS\$ and (Cu or Copper) and ((low\$2 adj resist? nce) or (ohmic contact)) and (p-type or "hole injecting" or "hole injection")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 17:16
S8	1791	S8 and light	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/03/10 17:17
S9	1342	S8 and (resistance or resistivity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 17:17
S11	715	S9 and @ad<"20040206"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 17:18
S12	505	S11 and carrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:19
S13	236	S12 and (Mg or Magnesium) and (Cd or cadmium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:21

S14	236	S13 and (Cl or Chlorine or Br or bromine or I or iodine or Al or Aluminum or Ga or Gallium or In or Indium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:22
S15	236	S13 and (Cl or Chlorine or Br or bromine or iodine or Al or Aluminum or Ga or Gallium or In or Indium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:23
S21	314	(ZnS or ZnSe or "zinc sulfide" or "zinc selenide") same (cu or copper) same (resistance\$1 or resistivity) same light\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 17:43
S22	5	S21 and (S2 S3 S4 S5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 17:44
S24	7122	(Zn or zinc) and (Cu or copper) and (Mg or magnesium) and (Cd or Cadmium) and (S or sulfur) and (Se or selenium) and (Te or tellurium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 17:56
S25	7494	(Zn or zinc) and (Cu or copper) and (Mg or magnesium) and (Cd or Cadmium) and (ZnS or "zinc sulfide" or S or sulfur) and (ZnSe or "sinz selenide" Se or selenium) and (ZnTe or "zinc telluride" or Te or tellurium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 17:58
S26	1	"3078611".pn.	USPAT	OR	OFF	2008/03/10 17:58
S27	1	("5574296").pn.	USPAT	OR	OFF	2008/03/11 07:38
S28	29	Yanagita-H.in. or Yanagita-Hiroaki.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/07/11 11:33
S29	79	(Orita-M.in. or Orita-Masahiro.in.) not S28	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/07/11 12:32

S30	77	(Kawazoe-H.in. or Kawazoe-Hiroshi.in.) not (S28 or S29)	US-PGPUB; USPAT	OR	OFF	2008/07/11 12:37
S31	1	("5574296") PN.	US-PGPUB; USPAT	OR	OFF	2008/07/11 13:36
S32	0	"Zn sub xCu sub. 1-xS" or "Zn sub. 1-xCu sub. xS" or "Zn sub yCu sub. 1-yS" or "Zn sub. 1-yCu sub. yS"	US-PGPUB; USPAT	OR	OFF	2008/07/11 14:43
S33	64	ZnS\$ same ((Cu or Copper) same ((p-type or "hole injecting" or "hole injection") and @ad<"20040206" and (resist\$nce or resistivity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/11 14:48
S35	24	ZnS\$ same ((Cu or Copper) same ((resistance or resistivity) near2 low)) and @ad<"20040206"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/11 15:59
S36	138	(ZnS\$ and ((Cu or Copper) same ((resistance or resistivity) near2 low)) and @ad<"20040206") not (S33 or S35)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/11 16:27
S37	108	((((copper or Cu) same (concentration)) and (concentration same (resistance or resistivity)) and ((resistance or resistivity) same (Cu or copper))) and (ZnS or ZnSe or "Zn-S" or "Zn-Se") and (phosphor or electrolumines\$ or photolumines\$ or light) and @ad<"20040206" and (polycrystal\$6 or "poly crystal\$6" or amorphous\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/14 14:49

S38	108	(US-20060043380-\$ or US-20050121052-\$ or US-20040135504-\$ or US-20040046261-\$ or US-20040028912-\$ or US-20040023428-\$ or US-20040011433-\$ or US-20040004289-\$ or US-20040004245-\$ or US-20040000998-\$ or US-20030228249-\$ or US-20030218222-\$ or US-20030209738-\$ or US-20030183306-\$ or US-20030170453-\$ or US-20030157376-\$ or US-20030139003-\$ or US-20030100135-\$ or US-20030091922-\$ or US-20020162419-\$ or US-20020047512-\$ or US-20010049066-\$ or US-20010028872-\$ or US-20010009351-\$).did. or (US-7339187-\$ or US-RE40103-\$ or US-7332813-\$ or US-7258816-\$ or US-7221017-\$ or US-7201972-\$ or US-7115325-\$ or US-6936394-\$ or US-6908516-\$ or US-6896739-\$ or US-6893892-\$ or US-6856089-\$ or US-6852614-\$ or US-6841477-\$ or US-6838297-\$ or US-6752837-\$ or US-6737282-\$ or US-6723428-\$ or US-6673644-\$ or US-6613603-\$ or US-6557569-\$ or US-6544357-\$ or US-6533838-\$ or US-6458223-\$ or US-6420825-\$ or US-6413620-\$).did. or (US-6348114-\$ or US-6318382-\$ or US-6294247-\$ or US-6294246-\$ or US-6278231-\$ or US-6274972-\$ or US-6268050-\$ or US-6254806-\$ or US-6254701-\$ or US-6214195-\$ or US-6210779-\$ or US-6080928-\$ or US-6027797-\$ or US-6023020-\$ or US-6005540-\$ or US-5997836-\$ or US-5909632-\$ or US-5903053-\$ or US-5853866-\$ or US-	US-PGPUB; USPAT; JPO	OR	OFF	2008/07/14 14:58
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		5824566-\$ or US-5804473-\$ or US-5770463-\$ or US-5760538-\$ or US-5756207-\$ or US-5728231-\$ or US-5686214-\$ or US-5667853-\$).did. or (US-5654058-\$ or US-5652877-\$ or US-5650337-\$ or US-5633213-\$ or US-5603983-\$ or US-5526867-\$ or US-5486238-\$ or US-5432011-\$ or US-5421087-\$ or US-5418389-\$ or US-5388328-\$ or US-5350003-\$ or US-5348639-\$ or US-5300735-\$ or US-5298252-\$ or US-5293546-\$ or US-5268339-\$ or US-H001247-\$ or US-5211827-\$ or US-5200001-\$ or US-5163499-\$ or US-5141564-\$ or US-RE33767-\$ or US-5055171-\$ or US-4950173-\$ or US-4853295-\$ or US-4797190-\$).did. or (US-RE29285-\$ or US-3962778-\$ or US-3936577-\$).did. or (JP-06203410-\$).did.				
S39	76	((copper or Cu) same (concentration)) and (concentration same (resistance or resistivity)) and ((resistance or resistivity) same (Cu or copper)) and S38 and (low with (resistance or resistivity))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/07/14 15:43
S40	10	257/607-612.ccls. and (cu or copper) and @ad<"20040206" and (ZnS or ZnSe)	US-PGPUB; USPAT	OR	OFF	2008/07/14 17:10
S42	4	257/55.ccls. and (cu or copper) and @ad<"20040206" and (ZnS or ZnSe)	US-PGPUB; USPAT	OR	OFF	2008/07/14 17:11
S43	2	257/63.ccls. and (cu or copper) and @ad<"20040206" and (ZnS or ZnSe)	US-PGPUB; USPAT	OR	OFF	2008/07/14 17:11

S44	14	257/614.ccls. and (cu or copper) and @ad<"20040206" and (ZnS or ZnSe)	US-PGPUB; USPAT	OR	OFF	2008/07/14 17:11
S45	27	257/78.ccls. and (cu or copper) and @ad<"20040206" and (ZnS or ZnSe)	US-PGPUB; USPAT	OR	OFF	2008/07/14 17:11
S46	108	257/103.ccls. and (cu or copper) and @ad<"20040206" and (ZnS or ZnSe)	US-PGPUB; USPAT	OR	OFF	2008/07/15 09:47

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